

**MAIL TO:**

STATE OF UTAH  
DIVISION OF PURCHASING  
3150 STATE OFFICE BUILDING, CAPITOL HILL  
P.O. BOX 141061  
SALT LAKE CITY, UTAH 84114-1061  
TELEPHONE (801) 538-3026  
FAX (801) 538-3882  
<http://purchasing.utah.gov>

**Request for Quotation**Solicitation Number: **JG3170**Due Date: **05/28/03**

Date Sent: May 15, 2003

Goods and services to be  
purchased:

**PAVING PROJECT AT WELLSVILLE UDOT STATION****Please complete**

Company Name		Federal Tax Identification Number	
Ordering Address	City	State	Zip Code
Remittance Address (if different from ordering address)	City	State	Zip Code
Type <input type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Proprietorship <input type="checkbox"/> Government	Company Contact Person		
Telephone Number (include area code)	Fax Number (include area code)		
Company's Internet Web Address	Email Address		
Discount Terms (for bid purposes, bid discounts less than 30 days will not be considered)	Days Required for Delivery After Receipt of Order (see attached for any required minimums)		

The following documents are included in this solicitation: Solicitation forms, instructions and general provisions, and specifications. Please review all documents carefully before completing.

The undersigned certifies that the goods or services offered are produced, mined, grown, manufactured, or performed in Utah. Yes\_\_\_\_\_ No\_\_\_\_\_. If no, enter where produced, etc.\_\_\_\_\_

Offeror's Authorized Representative's Signature	Date
Type or Print Name	Position or Title

**STATE OF UTAH  
DIVISION OF PURCHASING &  
GENERAL SERVICES**

**Request for Quotation**

**Solicitation Number: JG3170**

**Due Date: 05/28/03**

Vendor Name:

Item#	Qty	Unit	Description	Unit Price	Extension
1	1	LUMP SUM	PAVE ASPHALT PARKING LOT AT UDOT STATION LOCATED AT 830 EAST 400 NORTH WELLSVILLE, UTAH. SIZE IS APPROXIMATELY 18,300 SQUARE FEET. CONTACT CHET NASER @ 435-245-6151 TO ARRANGE SIGHT VISITS.	\$	\$

**ALL WORK MUST BE COMPLETE BY 06/30/03**

**Ship To:** UDOT WELLSVILLE STATION  
830 EAST 400 NORTH  
WELLSVILLE, UT 84339

**FREIGHT CHARGES (if applicable)**

SHIPPING POINT AND ZIP CODE	
SHIPPING WEIGHT	
MODE OF TRANSPORTATION (Please check one)	
<input type="checkbox"/> Small package/Ground <input type="checkbox"/> LTL(Less than truck load) <input type="checkbox"/> Truckload <input type="checkbox"/> Air <input type="checkbox"/> Other (Please specify)	
NMFC Class # _____	
NMFC Item # _____	
TOTAL PRICE LESS FREIGHT (FOB Origin)	\$
TOTAL PRICE INCLUDING FREIGHT (FOB Destination)	\$

## REQUEST FOR QUOTATION - INSTRUCTIONS AND GENERAL PROVISIONS

**1. QUOTATION PREPARATION:** (a) All prices and notations must be in ink or typewritten. (b) Price each item separately. Unit price shall be shown and a total price shall be entered for each item bid. Errors may be crossed out and corrections printed in ink or typewritten adjacent and must be initialed in ink by person signing quotation. (c) Unit price will govern, if there is an error in the extension. (d) Delivery time is critical and must be adhered to as specified. (e) Wherever in this document an item is defined by using a trade name of a manufacturer and/or model number, it is intended that the words, "or equivalent" apply. "Or equivalent" means any other brand that is equal in use, quality, economy and performance to the brand listed as determined by the Division of Purchasing & General Services (DIVISION). If the vendor lists a trade name and/or catalog number in the bid, the DIVISION will assume the item meets the specifications unless the quote clearly states it is an alternate, and describes specifically how it differs from the item specified. All quotes must include complete manufacturer's descriptive literature if quoting an equivalent product. All products are to be of new, unused condition, unless otherwise requested in this solicitation. (f) By signing the quotation the vendor certifies that all of the information provided is accurate, that they are willing and able to furnish the item(s) specified, and that prices quoted are correct. (g) This quote may not be withdrawn for a period of 60 days from quote due date. (h) Incomplete quotes may be rejected.

**2. SUBMITTING THE QUOTATION:** (a) The quote must be signed in ink and returned to the DIVISION OF PURCHASING, 3150 State Office Building, Capitol Hill, Salt Lake City, UT 84114-1061 or faxed to (801) 538-3882 by the due date and time. **The "Solicitation Number" and "Due Date" must appear on the outside of the envelope or on the fax cover page.** (b) The state will consider faxed quotes. Faxed quotes are submitted at the sole option and risk of the vendor and must be responsive to all conditions and specifications included in the Request for Quotation (RFQ). Access to state facsimile machine is on a "first come first served" basis and the state does not guarantee the vendor's access to the machine at any particular time. (c) All prices quoted must be both F.O.B. Origin and F.O.B. Destination. Additional charges including but not limited to delivery, drayage, express, parcel post, packing, cartage, insurance, license fees, permits, costs of bonds, or for any other purpose must be included in the quotation for consideration and approval by the DIVISION. Upon award of the contract, the shipping terms will be F.O.B. Destination, Freight Prepaid with freight charges to be added to the invoice unless otherwise specified by the DIVISION.

**3. SOLICITATION AMENDMENTS:** All changes to this solicitation will be made through written addendum only. Bidders are cautioned not to consider verbal modifications.

**4. PROPRIETARY INFORMATION:** Suppliers are required to mark any specific information contained in their quote which is not to be disclosed to the public or used for purposes other than the evaluation of the quote. Each request for non-disclosure must be accompanied by a specific justification explaining why the information is to be protected. Pricing and service elements of any quote will not be considered proprietary. All material becomes the property of the state and may be returned only at the state's option. Quotes submitted may be reviewed and evaluated by any persons at the discretion of the state.

**5. SAMPLES:** Samples of item(s) specified in the RFQ, when required by DIVISION, must be furnished free of charge to DIVISION. Any items not destroyed by tests may, upon request made at the time the sample is furnished, be returned at the vendor's expense.

**6. WARRANTY:** The contractor agrees to warrant and assume responsibility for all products (including hardware, firmware, and/or software products) that it licenses, contracts, or sells to the State of Utah under this contract for a period of one year, unless otherwise specified and mutually agreed upon elsewhere in this contract. The contractor (seller) acknowledges that all warranties granted to the buyer by the Uniform Commercial Code of the State of Utah applies to this contract. Product liability disclaimers and/or warranty disclaimers from the seller are not applicable to this contract unless otherwise specified and mutually agreed upon elsewhere in this contract. In general, the contractor warrants that: (1) the product will do what the salesperson said it would do, (2) the product will live up to all specific claims that the manufacturer makes in their advertisements, (3) the product will be suitable for the ordinary purposes for which such product is

used, (4) the product will be suitable for any special purposes that the State has relied on the contractor's skill or judgement to consider when it advised the State about the product, (5) the product has been properly designed and manufactured, and (6) the product is free of significant defects or unusual problems about which the State has not been warned. Remedies available to the State include the following: The contractor will repair or replace (at no charge to the State) the product whose nonconformance is discovered and made known to the contractor in writing. If the repaired and/or replaced product proves to be inadequate, or fails of its essential purpose, the contractor will refund the full amount of any payments that have been made.

Nothing in this warranty will be construed to limit any rights or remedies the State of Utah may otherwise have under this contract.

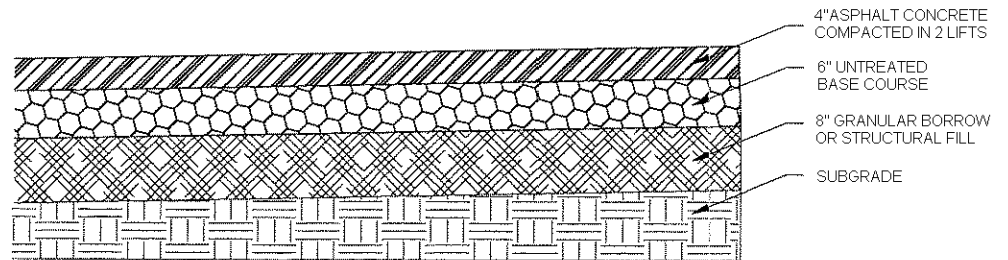
**7. DIVISION APPROVAL:** Purchase Orders placed, or contracts written, with the State of Utah, as a result of this RFQ, will not be legally binding without the appropriate signature of the DIVISION.

**8. AWARD OF CONTRACT:** (a) **This is an informal quotation which will not be read at a public opening;** however, the information may be publicly reviewed after award. To obtain a copy of this record (tabulation) you may either enclose a stamped self-addressed envelope, or review tabulation in our office. (b) The contract will be awarded with reasonable promptness, by written notice to the lowest responsible vendor that meets the specifications. Consideration will be given to the quality of the product(s) to be supplied, conformity to the specifications, the purpose for which required, delivery time required, discount terms and other criteria set forth in this request for quotation. (c) The DIVISION may accept any item or group of items, or overall low quote. (d) The DIVISION has the right to cancel this request for quotation at any time prior to the award of contract. (e) The DIVISION can reject any and all quotes or waive any informality, or technicality in any quote received, if the DIVISION believes it would serve the best interest of the State. (f) Before, or after, the award of a contract the DIVISION has the right to inspect the vendor's premises and all business records to determine the holder's ability to meet contract requirements. (g) Estimated quantities are for quoting purposes only, and not to be interpreted as a guarantee to purchase any amount. (h) Utah has a reciprocal preference law which will to be applied against vendors quoting products or services produced in states which discriminate against Utah products. For details see Section 63-56 20.5 -20.6, Utah Code Annotated. (i) Multiple contracts may be awarded if the State determines it would be in its best interest.

**9. ANTI-DISCRIMINATION ACT:** The vendor agrees to abide by the provisions of the Utah Anti-discrimination Act, Title 34 Chapter 35, U.C.A. 1953, as amended, and Title VI and Title VII of the Civil Rights Act of 1964 (42 USC 2000e), which prohibit discrimination against any employee or applicant for employment, or any applicant or recipient of services, on the basis of race, religion, color, or national origin; and further agrees to abide by Executive Order No. 11246, as amended, which prohibits discrimination on the basis of sex; 45 CFR 90 which prohibits discrimination on the basis of age, and Section 504 of the Rehabilitation Act of 1973, or the Americans with Disabilities Act of 1990, which prohibits discrimination on the basis of disabilities. Also vendor agrees to abide by Utah's Executive Order, dated March 17, 1993, which prohibits sexual harassment in the workplace. Vendor must include this provision in every subcontract or purchase order relating to purchases by the State of Utah to insure that the subcontractors and vendors are bound by this provision.

**10. DEBARMENT:** The CONTRACTOR certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction (contract) by any governmental department or agency. If the CONTRACTOR cannot certify this statement, attach a written explanation for review by the STATE.

**11. GOVERNING LAWS AND REGULATIONS:** All state purchases are subject to the Utah Procurement Code, Title 63 Chapter 56 U.C.A. 1953, as amended, and the Procurement Regulations as adopted by the Utah State Procurement Policy Board. These are available on the Internet at [www.purchasing.utah.gov](http://www.purchasing.utah.gov)



PAVEMENT NOTES:

1. THE CONTRACTOR SHALL PERFORM PAVEMENT  
INSTALLATION DURING DRY SUMMER WEATHER  
UNLESS AUTHORIZED TO DO OTHERWISE.
2. ASPHALT CONCRETE MIX SHALL BE PROVIDED  
IN ACCORDANCE WITH THE ATTACHED SPECIFICATION.

## ASPHALT PAVEMENT DETAIL

NO SCALE

## SECTION 02520 – PAVING

### PART 1—GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawing and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Section, apply to this section.

#### 1.2 SUMMARY

- A. This section specifies paving consisting of base course material, asphaltic concrete, and associated materials.

#### 1.3 QUALITY ASSURANCE

- A. REFERENCED STANDARDS:

- 1. Compaction Standard: ASTM D1559. Resistance to plastic flow of bituminous mixtures using Marshall apparatus.
  - 2. State of Utah: Standard Specifications for Road and Bridge Construction latest edition.

- B. TESTING: The owner shall employ the services of an independent testing agency to perform Marshall design field compaction and density tests during placement of paving materials.

#### 1.4 SUBMITTALS

- A. Products Data: Test reports of the asphalt material to be used shall be submitted 2 weeks in advance of use.

### PART 2 – PRODUCTS

#### 2.1 MATERIALS

- A. Base Course Material: Base course material shall be a high quality base material conforming to specification Section 02200.
- B. Liquid Asphalt: Liquid asphalt for tack coats and treatment of base course shall be Grade CSS-1 or CSS –1H and shall comply with UTAHSPEC Section 404.

## EARTHWORK

- C Asphalt Concrete Mix: Shall be  $\frac{3}{4}$  inch maximum, PG 64-28, 100% crushed conforming to UTAHSPEC, Section 402. Asphalt concrete mixing and proportioning shall comply with UTAHSPEC 402 and ASTM D1559.

## PART 3—EXECUTION

### 3.1 GENERAL

- A. Construction shall conform to the details, dimensions and grades specified. Maximum variations in finished grade of paving shall be plus or minus 0.05 feet.

### 3.2 BASE COURSE PLACEMENT

- A Subgrade: Areas to be paved shall be graded and compacted in accordance with specification Section 02200.
- B Base Course: Placing of base course shall comply with UTAHSPEC, Section 3.01. Relative compaction shall be a minimum of 95 percent as determined using methods set for in ASTM D1557.
- C Bituminous Prime Coat: The total aggregate base surface shall be given a penetration treatment with liquid asphalt as specified and in conformance with UTAHSPEC, Section 403.

### 3.3 ASPHALT CONCRETE PAVEMENT

- A. Asphalt Concrete: Placement of asphalt concrete pavement shall comply with UTAHSPEC Section 402.
- B. Tack Coat: Immediately prior to construction, a continuous tack coat shall be applied to all vertical surfaces of existing pavement; to curbs, gutters and construction joints against which asphalt concrete will be placed; to pavements to be surfaces; and where specified at the approximate rate of 0.05 gallons per square yard. Application shall comply with UTAHSPEC, Section 404. Immediately prior to placing asphalt concrete, additional tack coat shall be applied to areas where the tack coat has been damaged.

### 3.4 FIELD QUALITY CONTROL

- A. Do not proceed until test results for previously completed work verify compliance with requirements. When testing agency reports indicate material placement is not in compliance with the contract documents. The material shall be removed and replaced or repaired to the satisfaction of

## EARTHWORK

the Owner at no expense to the owner. Approval of corrective methods must be endorsed by the Owner before corrections are made.

### 3.5 PROTECTION

- A. Paving. Maintain satisfactory condition to approval of Owner until construction is complete.

END OF SECTION

## SECTION 02200 – EARTHWORK

### PART 1 – GENERAL

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

#### 1.2 SUMMARY

- A. This Section includes the following:
  - 1 Subbase course for pavements.
- B. Related Sections: The following Sections contain requirements that relate to this section.
  - 1 Division 2 Section “Asphaltic Concrete Paving.”

#### 1.3 DEFINITIONS

- A. Excavation consists of the removal of material encountered to subgrade elevations and the reuse or disposal of materials removed.
- B. Subgrade: The uppermost surface of an excavation or the top surface of a fill or backfill immediately below subbase, drainage fill, or topsoil materials.
- C. Borrow: Soil material obtained off-site when sufficient approved soil material is not available from excavations.
- D. Granular Borrow: The layer placed between the subgrade and untreated base course in a paving system or the layer placed between the subgrade and surface of a pavement or walk.
- E. Untreated Base Course: The layer placed between the granular borrow and surface pavement in a paving system.
- F. Unauthorized excavation consists of removing materials beyond indicated subgrade elevations or dimensions without direction by the Owner, shall be at the Contractor’s expense.
- G. Structures: Buildings, footings, foundations, retaining walls, slabs, tanks, curbs, mechanical and electrical appurtenances, or other man-made stationary features constructed above or below ground surface.

## EARTHWORK



- H. Utilities include on-site underground pipes, conduits, ducts, and cables, as well as underground services within building lines.
- I. Structural Fill: A specified material, placed and compacted to specified requirements, and located under structure footings, floors, slabs, behind retaining or basement walls or at other specified locations.

#### 1.4 SUBMITTALS

- A. General: Submit the following according to the Conditions of the Contract and Division.
  - 1. Specification Sections
- B. Product data for the following:
  - 1. Test Reports: In addition to test reports required under field quality control, submit the following.
    - a. Laboratory analysis of each soil material proposed for fill, structural fill, and backfill from on-site and borrow sources.
    - b. One optimum moisture-maximum density curve for each soil material.

#### 1.5 QUALITY ASSURANCE

- A. Codes and Standards: Perform earthwork complying with requirements of the owner and authorities having jurisdiction.
- B. Testing and Inspection Service: Owner will employ a qualified independent geotechnical engineering testing agency to classify proposed on-site and borrow soils to verify that soils comply with specified requirements and to perform required field and laboratory testing.
  - 1. Pre-installation Conference: Conduct conference at Project site to comply with requirements of Division 1 Section "Project Meetings."
  - 2. Before commencing earthwork, meet with representatives of the Owner and other concerned entities. Review earthwork procedures and requirements. Notify participants at least 3 working days prior to convening conference. Record discussions and agreements and furnish a copy to each participant.

#### 1.6 PROJECT CONDITIONS

### EARTHWORK

- A. Existing Utilities: Do not interrupt existing utilities serving facilities occupied by the End User or others except when permitted in writing by the Owner and then only after acceptable temporary utility services have been provided.
  - 1. Provide a minimum 48-hours notice to the Owner and receive written notice to proceed before interrupting any utility.

## PART 2 – PRODUCTS

### 2.1 SOIL MATERIALS

- A. General: Provide approved borrow materials from off-site when sufficient approved soil materials are not available from excavations. All material placed under and adjacent to structures and pavement to be approved by the Owner prior to delivery to the site
- B. Base Course Material: Base course material shall be of high quality conforming with Section 301 of the 1992 UDOT Standard Specifications for Road and Bridge Construction, 1" max. In accordance with Specification Section 02231.
- C. Subbase Material or Structural Fill: On-site or similar materials free of organics and other deleterious. Imported or on-site subbase material or structural fill shall not contain more than 10% percent passing the No. 200 Sieve (based on the minus ¾" fraction), shall be well graded, and shall have no particles larger than 1-1/2-inches if effective diameter. The plasticity index of the fines should not exceed 15 and the liquid limit should not exceed 35.
- D. Bedding Materials: Structural fill or base course material being well graded, select granular material free from organic matter and of such size and gradation that the specified compaction can be readily attained. Material shall have a sand equivalent value of not less than 20 and shall conform to the following gradation:

<u>U.S. Standard Sieve size</u>	<u>Percent by weight passing</u>
1-1/2 - inch	100
¾ - inch	30-75
½ - inch	15-55
¼ - inch	0-5
No. 200	0-2

Bedding Materials shall be composed of hard, durable, sound pieces have a specific gravity of not less than 2.65.

## EARTHWORK

- E. Sand: Clean fine-grained sand approved by the Owner.
- F. Free-draining gravel: Evenly graded mixture of natural or crushed gravel or crushed stone and natural sand, with 100 percent passing a 1" sieve and 0 to 5 percent passing a No. 200 sieve.

## PART 3 – EXECUTION

### 3.1 PREPARATION

- A. Protect structures, utilities, sidewalks, pavements, and other facilities from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by earthwork operations.
  - 1. Protect subgrades and foundation soils against freezing temperatures or frost. Provide protective insulating materials as necessary.
  - 2. Provide erosion control measures to prevent erosion or displacement of soils and discharge of soil-bearing water runoff or airborne dust to adjacent properties and walkways.

### 3.2 DEWATERING

- A. Prevent surface water and subsurface or ground water from entering excavations, from ponding on prepared subgrades, and from flooding Project site and surrounding area.
- B. Protect subgrades and foundation soils from softening and damage by rain or water accumulation.

### 3.3 EXCAVATION

- A. Explosives: Do not use explosives.
- B. Unclassified Excavation: Excavation is unclassified and includes excavation to required subgrade elevations regardless of the character or materials and obstructions encountered.
- C. All topsoil, roots and existing fill shall be stripped from the building and pavement areas prior to site grading operations. The depth of the topsoil requiring removal is expected to be about three inches.

## EARTHWORK

### 3.4 APPROVAL OF SUBGRADE

- A. Notify Owner when excavations have reached required subgrade.
- B. When Owner determines that unforeseen unsatisfactory soil is present, continue excavation and replace with compacted subbase material or structural fill as directed.
  - 1. Unforeseen additional excavation and replacement material will be paid according to the Contract provisions for changes in Work.
- C. Reconstruct subgrades damaged by freezing temperatures, frost, rain, accumulated water, or construction activities, as directed by the Owner.
- D. Test compaction of subgrade material, and if surface is less than required, prepare as required under paragraph "Fill" of this section.

### 3.5 UNAUTHORIZED EXCAVATION

- A. Fill unauthorized excavation under structures with structural fill as directed by Owner.

### 3.6 STORAGE OF SOIL MATERIALS

- A. Stockpile excavated materials acceptable for backfill and fill soil materials, including acceptable borrow materials. Stockpile soil materials without intermixing. Place, grade, and shape stockpiles to drain surface water. Cover to prevent wind-blown dust.

### 3.7 FILL

- A. Preparation: Remove vegetation, topsoil, debris, wet and unsatisfactory soil materials, obstructions, and deleterious materials from ground surface prior to placing fills.
  - 1. Plow strip, or break up sloped surfaces steeper than 1 vertical to 4 horizontal so fill material will bond with existing Surface.
- B. When subgrade or existing ground surface to receive fill has a density less than that required for fill, break up ground surface to depth required, as approved by the Owner, pulverize, moisture-condition or aerate soil and recompact to required density.

## EARTHWORK

3. Place fill material in layers to required elevations for each location listed below.

1. Under pavements, use structural fill or base course material, or satisfactory excavated or borrow soil material.

### 3.8 MOISTURE CONTROL

- A. Uniformly moisten or aerate subgrade and each subsequent fill or backfill layer before compaction to within 2 percent of optimum moisture content.

1. Do not place backfill or fill material on surfaces that are muddy, frozen, or contain frost or ice.
2. Remove and replace, or scarify and air-dry satisfactory soil material that is too wet to compact to specified density.
  - a. Stockpile or spread and dry removed wet satisfactory soil material.

### 3.9 COMPACTION

- A. Place structural fill in layers not more than 8 inches in loose depth. Material shall be within 2% of optimum moisture at placement.

- B. Percentage of maximum Dry Density Requirements: Compact soil to not less than the following percentages of maximum dry density according to ASTM D 1557:

1. Under pavements, structural fill should be placed in maximum 8-inch loose lifts and compacted to 95-percent maximum dry density.
2. Compaction shall be achieved utilizing a vibratory roller with a minimum drum weight of 4000 pounds.

### 3.10 GRADING

- A. General: Uniformly grade areas to a smooth surface, free from irregular surface changes. Comply with compaction requirements and grade to cross sections, lines and elevations indicated.

1. Provides a smooth transition between existing adjacent grades and new grades.

## EARTHWORK

2. Cut out soft spots, fill low spots, and trim high spots to conform to required surface tolerances
- B. Site Grading: Slope grades to direct water away from buildings and to prevent ponding. Finish subgrades to required elevations within the following tolerances:
1. Pavements: Plus or minus ½ inch.

### 3.11 BASE COURSE

- A. Under pavements, place base course material on prepared subgrades where indicated on drawings.
1. Compact subbase at 2% +/- of optimum moisture content to required grades lines, cross sections and thickness to not less than 90 percent of ASTM D 1557 relative density.
  2. Shape subbase to required crown elevations and cross-slope grades.
  3. When thickness of compacted subbase course exceeds 6 inches, place materials in equal layers, with no layer more than 6 inches thick or less than 3 inches thick when compacted.

### 3.12 FIELD QUALITY CONTROL

- A. Testing Agency Services: Allow Owner engaged independent testing and inspection agency to inspect and test each subgrade and each fill or backfill layer. Do not proceed until test results for previously completed work verify compliance with requirements.
1. Perform field in-place density tests according to ASTM D 1556 (sand cone Method), ASTM D 2167 (rubber balloon method), or ASTM D 2937 (drive cylinder method), as applicable.
    - a. Field in-place density tests may also be performed by the nuclear method according to ASTM D 2922, provided that calibration curves are periodically checked and adjusted to correlate to tests performed using ASTM D 1556. With each density calibration check, check the calibration curves furnished with the moisture gages according to ASTM D 3017.
    - b. When field in-place density tests are performed using nuclear methods, make calibration checks of both density

and moisture gages at beginning of work, on each different type of material encountered, and at intervals as directed by the Owner.

2. Paved Areas: At subgrades and at each compacted fill and backfill layer, perform at least one field in-place density test for every 1,000 sq. ft. or less of paved area or building slab, but in no case fewer than three tests.
- B. When testing agency reports that subgrades, fills or backfills are below specified density, scarify and moisten or aerate, or remove and replace soil to the depth required, recompact and retest at no expense to the Owner until required density is obtained

### 3.13 PROTECTION

- A. Protecting Graded Areas: Protect newly graded areas from traffic, freezing, and erosion, Keep free of trash and debris.
- B. Repair and re-establish grades to specified tolerances where completed or partially completed surfaces become eroded, rutted, settled, or lose compaction due to subsequent construction operations or weather conditions.
  1. Scarify or remove and replace material to depth directed by the Owner; reshape and recompact at optimum moisture content to the required density.
- C. Settling: where settling occurs during the Project correction period, remove finished surfacing, backfill with additional approved material, compact, and reconstruct surfacing.
  1. Restore appearance, quality, and condition of finished surfacing to match surfacing, backfill with additional approved material, compact, and reconstruct surfacing.

### 3.14 DISPOSAL OF SURPLUS AND WASTE MATERIALS

- A. Disposal: Remove surplus satisfactory soil and waste material, including unsatisfactory soils, trash, and debris, and legally dispose of it off the project jobsite.

END OF SECTION 02200

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